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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Duncan Kerr

Attorney Docket No.:  
APL1P218/P2713US1

Patent: 7,113,196 B2

Issued: September 26, 2006

Title: COMPUTING DEVICE WITH DYNAMIC  
ORNAMENTAL APPEARANCE

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on May 1, 2007 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

Aurelia M. Sanchez

**REQUEST FOR CERTIFICATE OF CORRECTION  
OF OFFICE MISTAKE  
(35 U.S.C. §254, 37 CFR §1.322)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Certificate of Correction

**Certificate  
MAY 09 2007  
of Correction**

Dear Sir:

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where the errors are shown correctly in the application file are as follows:

**SPECIFICATION:**

1. Column 17, line 30, change "faith" to --with--. This appears correctly in the patent application as filed on February 13, 2002 on page 27, line 34.
2. Column 18, line 52, change "a being" to --a game being--. This appears correctly in the patent application as filed on February 13, 2002 on page 30, line 1.
3. Column 20, line 46, change "392 the pattern" to --392 of the pattern--. This appears correctly in the patent application as filed on February 13, 2002 on page 33, line 1.

**MAY - 9 2007**

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. APL1P218).

Respectfully submitted,  
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computing device or system. For example, the housing can pertain to the primary housing for enclosing a base computer, a screen display, or a peripheral device. In one embodiment, step 304 pertains to a mapping operation during which the regions of the screen display that were sampled in step 302 are mapped to counterpart zones of the housing.

After associating the color indicators to the zones, the process proceeds to step 306 where light elements are driven in accordance with the color indicators associated therewith. These light elements are located at the zones of the housing. The driven light elements operate to illuminate the zones of the housing. Following step 306, the illumination processing 300 is complete and ends. However, the illumination processing 300 is typically performed constantly or periodically such that the light elements can be driven 306 in accordance with the color indicators acquired from the screen display.

In one embodiment, the illumination processing 300 mimics the colors appearing at the regions of the screen display to zones of the housing. In one example, the regions of the screen display can be associated with a color configuration, and the regions of the housing can be provided with the same configuration. This is generally done to extend the feel of the display screen to the housing. For example, if the regions of the display screen are blue, then the counterpart zones of the housing are also blue. In addition, if different regions of the display screen are different colors, then different zones of the housing are also different colors.

Fig. 12 is a perspective diagram of a display monitor 320, in accordance with one embodiment of the present invention. The display monitor 320 includes a housing 322 that is divided into several independent and spatially distinct illuminable zones 324. Any number of zones may be used. In the illustrated embodiment, the housing 322 includes 16 illuminable zones 324. Each of the zones 324 has an associated light element (not shown), which is disposed inside the housing proximate the zone. As should be appreciated, the associated light element is configured to light up its corresponding zone. By way of example, the associated light element may be an LED array capable of illuminating the corresponding zone with a plurality of

game being played on a CD drive. In the illustrated embodiments, the sequence 350 corresponds to a spaceship 352 that encounters an asteroid 354 in space 356. This is by way of example and not by way of limitation.

5           Fig. 15A shows a first sequence where the asteroid 354 and spaceship 352 enter the display screen 326 from opposing sides. As such, sampled region 328A includes the asteroid 354, sampled region 328H includes the spaceship 352 and the remaining sampled regions 328B-328G and 328I-328P include space 356 therein. As a result, the associated zone 324A exudes a light effect similar to the asteroid 354, the  
10           associated zone 324H exudes a light effect similar to the spaceship 352 and the associated zones 324B-324G and 324I-324P exude a light effect similar to space 356. For example, zone 324A may be brown to correspond to a brown asteroid, zone 324H may be orange to correspond to an orange spaceship, and zones 324B-324G and 324I-324P may be blue to correspond to blue space.

15           Fig. 15B shows a second sequence where the asteroid 354 and space ship 352 move closer together and away from their respective sides. As such, sample regions 328A-328G and 328I-328P now include space 356 and sample region 328H now includes exhaust 358 from the space ship 352. As a result, zones 324A-324G and  
20           324I-324P now exude a light effect similar to space 356 and the associated zone 324H now exudes a light effect similar to the exhaust 358. By way of example, zones 324A-324G and 324I-324P may be blue to correspond to blue space and zone 324H may be yellow to correspond to the yellow exhaust.

25           Figs. 15C and 15D show a third and fourth sequence where the spaceship 352 fires bullets 359 at the asteroid 354 so as to split the asteroid 354 into two smaller asteroids 360 and 362. The third and fourth sequence also show the spaceship 352 continuing to move towards the asteroid 354, and the two smaller asteroids 360, 362 moving away from the spaceship 352 after splitting. As such, all the sample regions  
30           328A-328P now include space 356. As a result, zones 324A-324P now exude a light effect similar to space 356. For example, zones 324A-324P may be blue to correspond to blue space.

392" of the pattern 386, and in Fig. 16B, the configuration of the illuminable zone 384" corresponds to the configuration of the wall paper backdrop 390.

By way of another example, Figs. 17A and 17B are simplified diagrams of the display monitor 380 presenting two segments 400A and 400B of a programmed sequence 400. Like the programmed sequence 382, the programmed sequence 400 corresponds to a computer program that allows users of the computer system to visualize their music. The programmed sequence 400 may take on many forms. In the illustrated embodiment, the programmed sequence 400 is a graphical display that includes a plurality of pulsating distributions 402A-I that move through a wall paper back drop 404. The pulsating distributions 402A-I are generally configured to act like an equalizer and thus they change (move up and down) in accordance with the frequency of the music being played in the computer system. Fig. 17A illustrates the pulsating distributions 402A-I in a first position, and Fig. 17B illustrates the pulsating distributions 402A-I in a second position.

Similarly to Figs. 12-16, regions of the display screen are mapped to counterpart illuminable zones 384. As such, when regions of the display screen change so do the counterpart zones. As mentioned, there is generally a sample region for every illuminable zone 384. The sample region may correspond to any suitable zone 384, however, they typically correspond to individual zones positioned nearest the location of the individual sample region. As shown in Figs 17A and 17B, the pulsating distributions 402A-I move into and exit different regions of the display screen as they change their configuration and position. As such, the illuminable zones 384 are continuously changing so as to produce a light effect that corresponds to the changing regions. For example, in Fig. 17A, the configuration (e.g. color, intensity) of the illuminable zone 384" corresponds to the configuration (e.g. color, intensity) of the pulsating distribution 402F, and in Fig. 17B, the configuration (e.g. color, intensity) of the illuminable zone 384" corresponds to the configuration (e.g. color, intensity) of the wall paper backdrop 390.

It should be noted that a methodology similar to methodology shown in Figs. 16 and 17 may also be used to change the zones in accordance with the music itself rather than with the visual output of the display screen.

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(Also Form PT-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,113,196 B2

Page 1 of 1

DATED : September 26, 2006

INVENTOR(S) : Duncan Kerr

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

### In the Specification:

Column 17, line 30, change "faith" to --with--.

Column 18, line 52, change "a being" to --a game being--.

Column 20, line 46, change "392 the pattern" to --392 of the pattern--.

MAILING ADDRESS OF SENDER:

PATENT NO. 7,113,196 B2

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